

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1- 3. canceled.

4. (currently amended) A catalyst for use in oxidation or reduction reactions, the catalyst comprising platinum, indium, and at least one of tungsten, iron, and manganese ~~The catalyst of claim 1~~ wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.

5. (currently amended) A catalyst for use in oxidation or reduction reactions, the catalyst comprising platinum, indium, and at least one of tungsten, iron, and manganese ~~The catalyst of claim 1~~ wherein indium is at a concentration that is between about 5 and about 80 atomic percent.

6. (currently amended) The catalyst of claim ~~1~~ 5 wherein indium is at a concentration that is between about 5 and about 50 atomic percent.

7. (currently amended) A catalyst for use in oxidation or reduction reactions, the catalyst comprising platinum, indium, and at least one of tungsten, iron, and manganese ~~The catalyst of claim 1~~ wherein tungsten, iron, manganese, or a combination thereof is at a concentration that is between about 10 and about 85 atomic percent.

8. (currently amended) The catalyst of claim ~~1~~ 4 wherein platinum is at a concentration that is between about 5 and about 60 atomic percent, indium is at a concentration that is between about 5 and about 50 atomic percent, and

tungsten, iron, manganese, or a combination thereof is at a concentration that is between about 10 and about 85 atomic percent.

9. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 10 and about 50 atomic percent, indium is at a concentration that is between about 10 and about 40 atomic percent, and tungsten, iron, manganese, or a combination thereof is at a concentration that is between about 20 and about 70 atomic percent.

10. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 10 and about 30 atomic percent, indium is at a concentration that is between about 5 and about 30 atomic percent, and tungsten is at a concentration that is between about 40 and about 80 atomic percent.

11. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 50 and about 60 atomic percent, indium is at a concentration that is between about 20 and about 30 atomic percent, and tungsten is at a concentration that is between about 15 and about 25 atomic percent.

12. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 25 and about 65 atomic percent, indium is at a concentration that is between about 5 and about 50 atomic percent, and iron is at a concentration that is between about 10 and about 60 atomic percent.

13. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 30 and about 50 atomic percent, indium is at a concentration that is between about 15 and about 45 atomic percent, and iron is at a concentration that is between about 15 and about 50 atomic percent.

14. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 45 and about 55 atomic percent, indium is at a concentration that is between about 20 and about 30 atomic percent, and iron is at a concentration that is between about 20 and about 30 atomic percent.

15. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 10 and about 50 atomic percent, indium is at a concentration that is between about 5 and about 30 atomic percent, iron is at a concentration that is between about 15 and about 80 atomic percent, and manganese is at a concentration that is between about 1 and about 15 atomic percent.

16. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 30 and about 45 atomic percent, indium is at a concentration that is between about 15 and about 30 atomic percent, iron is at a concentration that is between about 20 and about 45 atomic percent, and manganese is at a concentration that is between about 3 and about 12 atomic percent.

17. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 10 and about 50 atomic percent, indium is at a concentration that is between about 10 and about 80 atomic percent, and manganese is at a concentration that is no more than about 60 atomic percent.

18. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 20 and about 40 atomic percent, indium is at a concentration that is between about 40 and about 70 atomic percent, and manganese is at a concentration that is between about 5 and about 40 atomic percent.

19. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 25 and about 35 atomic percent, indium is at a concentration that is between about 50 and about 70 atomic percent, and manganese is at a concentration that is between about 10 and about 30 atomic percent.

20. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 25 and about 65 atomic percent, indium is at a concentration that is no more than about 55 atomic percent, tungsten is at a concentration that is no more than about 40 atomic percent, and manganese is at a concentration that is no more than about 40 atomic percent.

21. (currently amended) The catalyst of claim ~~4~~ 4 wherein platinum is at a concentration that is between about 35 and about 55 atomic percent, indium is at a concentration that is between about 10 and about 40 atomic percent, tungsten is at a concentration that is between about 10 and about 30 atomic percent, and manganese is at a concentration that is between about 10 and about 30 atomic percent.

22 - 30. canceled.

31. (new). The catalyst of claim 5 wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.

32. (new). The catalyst of claim 6 wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.

33. (new). The catalyst of claim 7 wherein platinum is at a concentration that is between about 5 and about 65 atomic percent.